Lilit Hambardzum Yeganyan

lilit.yeganyan@ysu.am

Research Institute of Physics
Կոնդենսացված վիճակի ֆիզիկայի կենտրոն
Junior Researcher

Research Institute of Physics
Կոնդենսացված վիճակի ֆիզիկայի կենտրոն
Junior Researcher

Education

Institution	Yerevan State University
Faculty	Физика
Date	2021 - 2023
Degree name	Masters

Institution	Yerevan State University
Faculty	Физика
Date	2017 - 2021
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2023 till now
Rank/degree	Junior Researcher

Institution	Digitain
Period of time	2022 till now
Rank/degree	Software engineer

Participation in international conferences and seminars

18/10/2023 - 20/10/2023	NANOCON2023 15TH INTERNATIONAL CONFERENCE ON NANOMATERIALS - RESEARCH & APPLICATION Եւանի պետական համալսարան Czech Republic (the)

11/07/2023 - 15/07/2023	Optics, 11th International Symposium on Optics and its Applications Եւանի պետական համալսարան Armenia
13/12/2021 - 15/12/2021	Nanophysics and Nanomaterials Եւանի պետական համալսարան Armenia
25/09/2019 - 03/10/2019	Advanced Nanomaterials and Methods-ANAM2019 Եւանի պետական համալսարան Armenia

Publications

Article

Enhanced efficiency of intermediate-band semiconductor solar cells embedded with quantum dot superlattices

Naira Petrosyan, Lilit Yeganyan, Aram Manaselyan, Vram Mughnetsyan, Vidar Gudmundsson,

Albert Kirakosyan

Physics Letters A 2026 131639

https://doi.org/10.1016/j.physleta.2026.131639

Article

MAGNETO-OPTICAL PROPERTIES OF ARRAYED STRUCTURES OF CYLINDRICAL AND ELLIPTICAL QUANTUM DOTS

Lilit YEGANYAN, Vram MUGHNETSYAN, Maryam MANSOURY

NANOCOM ... 2024 64-69

Conference

Magneto-optical properties of arrayed structures of quantum dots and rings

Yeganyan Lilit, Mughnetsyan Vram, Mansoury Maryam

2023 114 - 114

https://photonicsai.com/optics11/

Conference

Magneto-Optical Properties of Artificial Graphene Constructed of Cylindrical and Elliptical Quantum Dots

YEGANYAN Lilit, MUGHNETSYAN Vram, MANSOURY Maryam, KIRAKOSYAN Albert, GUDMUNDSSON Vidar

2023 69 - 69

https://www.nanocon.eu/en/